

EROSION CONTROL PLAN:

GENERAL:

1. THE PURPOSE OF THIS PLAN IS TO OUTLINE CONSTRUCTION PROCEDURES DESIGNED TO MINIMIZE THE POTENTIAL OF EROSION OCCURRING DURING CONSTRUCTION AND TO CONTROL SEDIMENTS IF EROSION DOES OCCUR.
2. THE CONTRACTOR AND PROPERTY OWNER SHALL BE RESPONSIBLE FOR INSURING THAT EROSION AND SEDIMENTATION ARE CONTROLLED. THIS PLAN SHALL BE USED AS A GUIDE ONLY AND SHALL BE ADAPTED TO FIT THE CONTRACTOR'S EQUIPMENT, EXTREME WEATHER CONDITIONS, OR ORDERS OF CONDITIONS ISSUED BY THE CONSERVATION COMMISSION.
3. THE MOST IMPORTANT ASPECTS OF CONTROLLING EROSION AND SEDIMENTATION ARE LIMITING THE EXTENT OF DISTURBANCE AND STABILIZING SURFACES AS SOON AS POSSIBLE. THESE FUNDAMENTAL PRINCIPLES SHALL BE THE KEY FACTOR IN THE CONTRACTORS CONTROL OF EROSION ON THE SITE.

PRECONSTRUCTION:

1. A PHYSICAL BARRIER (I.E. HAYBALE DIKES) SHALL BE INSTALLED TO LIMIT THE AREA OF DISTURBANCE. THIS IS ESPECIALLY IMPORTANT ON PORTIONS OF THE SITE ADJACENT TO SENSITIVE AREAS SUCH AS WETLANDS.
2. THE SITE SHOULD BE ACCESSED IN THE LOCATION OF THE PERMANENT DRIVEWAY TO LIMIT DISTURBANCE, UNLESS DOING SO WILL PRESENT A TRAFFIC HAZARD.
3. A CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE DRIVEWAY ENTRANCE TO PREVENT MUD FROM BEING TRACKED ONTO ROADWAYS. THE CONSTRUCTION ENTRANCE SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL THE PERMANENT DRIVEWAY SURFACE IS INSTALLED. ONLY THE MINIMUM AREA DESIRED SHALL BE CLEARED. IT IS RECOMMENDED THAT THE EXACT LIMITS OF CLEARING AND SPECIMEN TREES TO BE SAVED BE MARKED IN ADVANCE.
4. BRUSH SHALL BE CHIPPED (OR BURNED IF THE PROPER PERMITS ARE OBTAINED). CHIPPING IS RECOMMENDED WITH THE CHIPS BEING LEFT ON-SITE TO BE USED AS MULCH.
5. EQUIPMENT USED IN CLEARING SHOULD NOT ENTER WETLANDS UNLESS APPROVED IN THE ORDER OF CONDITIONS.
6. THE CONTRACTOR SHALL HAVE A STOCKPILE OF MATERIALS REQUIRED TO CONTROL EROSION ON-SITE TO BE USED TO SUPPLEMENT OR REPAIR EROSION CONTROL DEVICES. THESE MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO, HAYBALES, SILT FENCE, AND CRUSHED STONE.

PRELIMINARY SITE WORK:

1. TOPSOIL SHALL BE STOCKPILED ON-SITE FOR USE IN LANDSCAPING.
2. STOCKPILES SHALL BE PLACED OUTSIDE OF THE 100' WETLANDS BUFFER UNLESS ALLOWED BY THE ORDER OF CONDITIONS.
3. STOCKPILES SHALL CONFORM TO THE STOCKPILE DETAIL.
4. GRUBBING AND STRIPPING ON SLOPES LEADING TO WETLANDS SHALL NOT OCCUR DURING PERIODS OF HEAVY RAIN.
5. IF DURING GRUBBING AND STRIPPING OR ROUGH GRADING INTENSE RAINFALL IS ANTICIPATED, THE INSTALLATION OF SUPPLEMENTAL HAYBALE DIKES, SILT FENCES, OR ARMORED DIKES SHALL BE CONSIDERED.
6. ROUGH GRADING OF THE DRIVEWAY SHOULD BE CONDUCTED IN SUCH A MANNER AS TO MAINTAIN OR CREATE GRADES SLOPING AWAY FROM WETLANDS WHEREVER POSSIBLE.
7. WHEN THE TOP OF FILL OR CUT CAN DIVERT RUNOFF INTO WETLANDS, HAYBALE DIKES OR SILT FENCES SHOULD BE INSTALLED AT INTERVALS ALONG THE SLOPE, AND CONSIDERATION SHOULD BE GIVEN TO THE PLACEMENT OF HAY MULCH.
8. SIDE SLOPES SHALL NOT EXCEED A SLOPE OF 3:1 UNLESS SPECIFIC PROVISIONS FOR STABILIZATION HAVE BEEN PROVIDED FOR ON THE SITE PLAN.
9. STUMP DUMPS SHALL BE OUTSIDE OF THE 100' BUFFER FROM WETLANDS AND SHALL ONLY BE PLACED IN LOCATIONS APPROVED BY THE BOARD OF HEALTH.

DRAINAGE SYSTEM:

1. DRAINAGE SWALES OR PIPES SHALL BE CONSTRUCTED FROM THE DOWNSTREAM END UP.
2. RIP RAP SHALL BE INSTALLED AT THE PIPE INLETS AND OUTLETS IMMEDIATELY UPON THE PLACEMENT OF THE PIPE.
3. SWALES SHALL BE SEEDED IMMEDIATELY UPON CONSTRUCTION AND SHALL BE HEAVILY MULCHED WITH WEIGHTED HAY. IN SWALES WITH STEEP SLOPES OR HIGH RUNOFF VOLUMES, THE USE OF EROSION CONTROL BLANKETS SHALL BE CONSIDERED.
4. WATER SHALL NOT BE ALLOWED TO ENTER PIPES FROM UNSTABILIZED SURFACES.
5. WETLAND CROSSINGS SHALL BE UNDERTAKEN ONLY WHEN ALL REQUIRED MATERIALS ARE ON SITE.
6. WETLAND CROSSINGS SHALL ONLY BE CONSTRUCTED DURING PERIODS OF LOW FLOW OR FROZEN GROUND CONDITIONS, UNLESS SPECIAL CONSTRUCTION PROCEDURES ARE APPROVED BY THE CONSERVATION COMMISSION.

WATER SUPPLY:

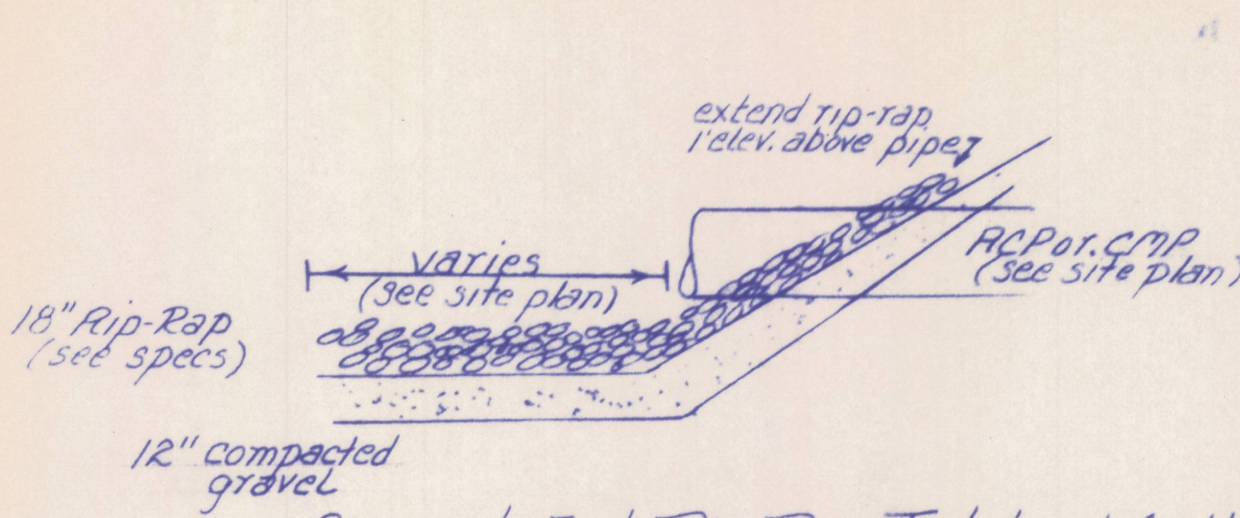
1. WHEN EXCAVATING THE WATER LINE TRENCH EXCAVATION SHOULD BEGIN AT THE LOW END AND PROCEED UPHILL.
2. IF A WELL IS TO BE DRILLED IN A LOCATION WHERE STONE DUST LADEN WATER CAN FLOW TO WETLANDS OR OFF THE PROPERTY A WELL SEDIMENT CONTROL BASIN SHALL BE INSTALLED BEFORE DRILLING BEGINS.

HOUSE CONSTRUCTION:

1. CONSTRUCTION MATERIALS SHALL BE PILED IN SUCH A MANNER AS TO NOT CONCENTRATE RUNOFF OR DIRECT IT TO WETLANDS.
2. NO CONSTRUCTION DEBRIS SHALL BE STORED IN THE WETLANDS BUFFER ZONE UNLESS ALLOWED BY THE ORDER OF CONDITIONS, AND SHOULD BE REMOVED FROM THE SITE PROMPTLY.
3. PAINTERS, PLASTERERS, ETC. SHALL BE INFORMED THAT THEIR EQUIPMENT CAN NOT BE CLEANED IN AREAS WHERE WASH WATER CAN FLOW TOWARDS WETLANDS.
4. CONCRETE TRUCKS SHALL NOT BE WASHED IN AREAS TRIBUTARY TO WETLANDS.

LANDSCAPING:

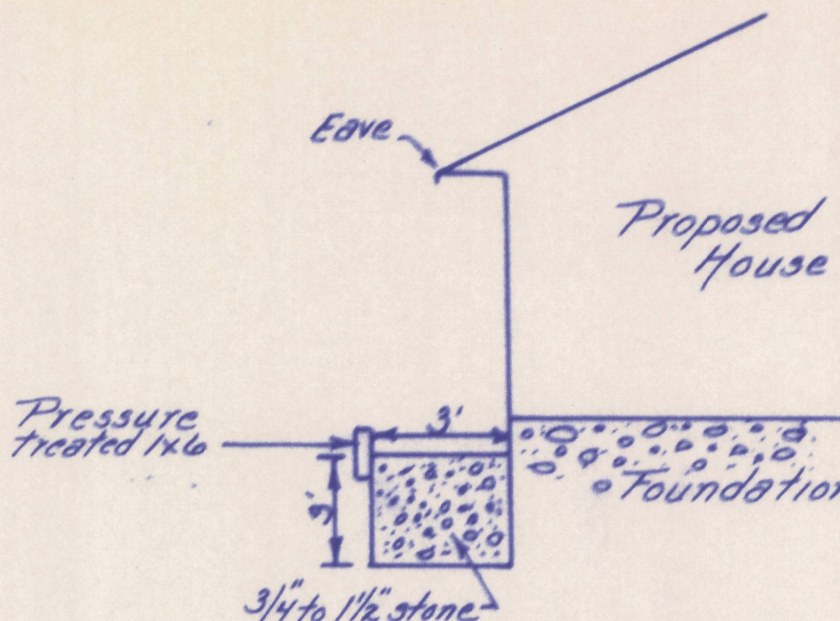
1. LANDSCAPING SHALL OCCUR AS SOON AS POSSIBLE TO PROVIDE PERMANENT STABILIZATION.
2. WHEN PERMANENT STABILIZATION IS NOT IMMEDIATELY POSSIBLE DUE TO THE SEASON, TEMPORARY STABILIZATION SHALL BE PROVIDED USING METHODS SUCH AS HAY MULCH WEIGHTED WITH BRANCHES AND SEEDING WITH WINTER RYE.
3. THE USE OF HERBICIDES IS STRONGLY DISCOURAGED AND IS PROHIBITED WITHIN THE 100' WETLANDS BUFFER UNLESS ALLOWED BY THE ORDER OF CONDITIONS.
4. FERTILIZERS SHOULD BE USED IN THE AMOUNTS PRESCRIBED ON THE BAG. FERTILIZER IS CRITICAL IN ESTABLISHING PROPER VEGETATIVE COVER, HOWEVER, CARE SHOULD BE TAKEN TO PREVENT OVER APPLICATION.



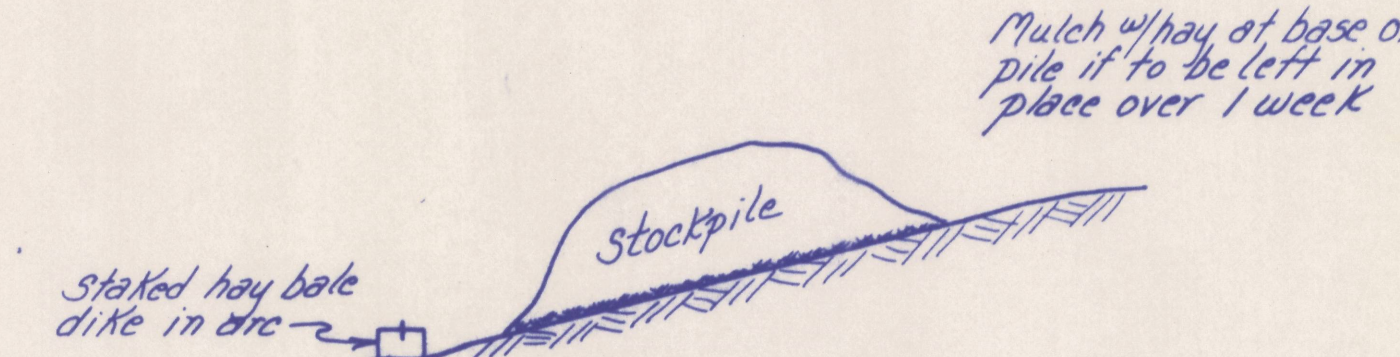
Squared End Rip-Rap Inlet and Outlet (not to scale)

100 Lb. Rip-Rap Specifications

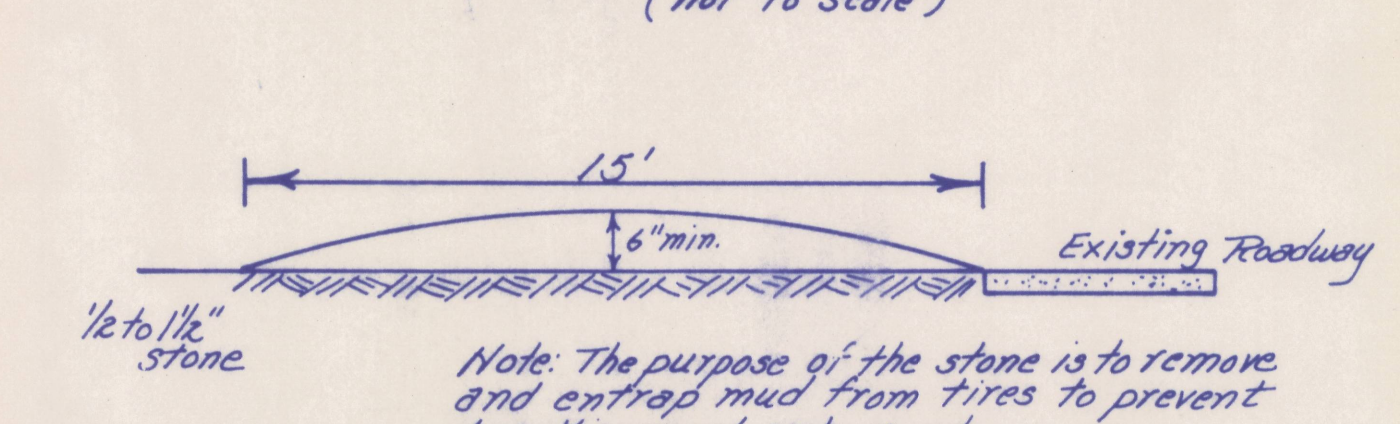
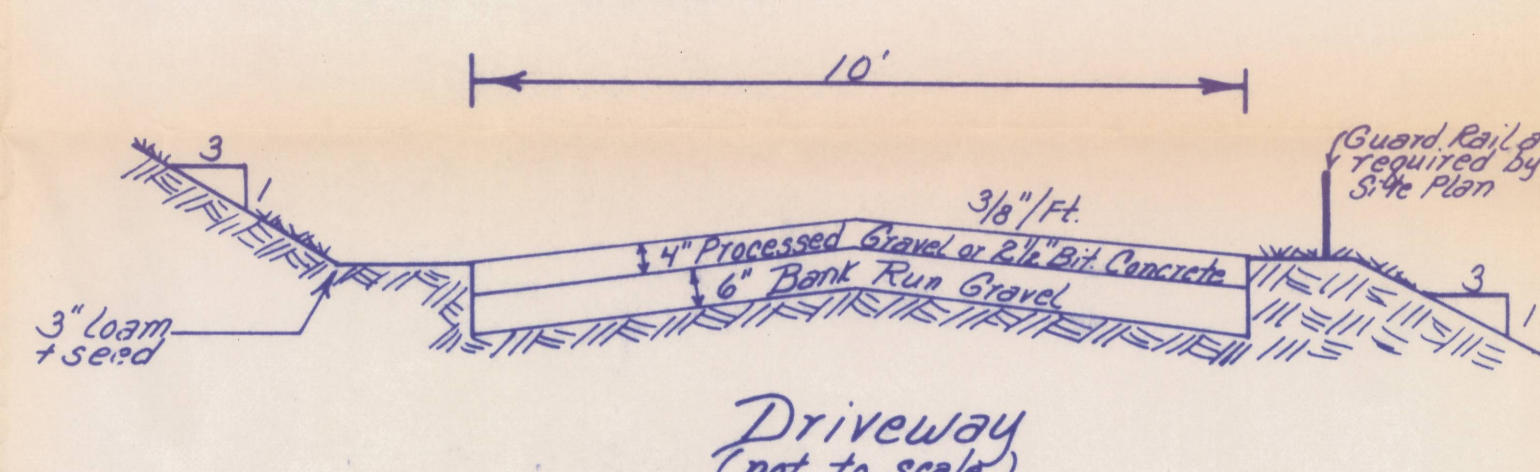
Stone Size	% of weight smaller than given size
100 Lb.	100%
60 Lb.	80%
25 Lb.	50%
2 Lb.	Not to exceed 10%.



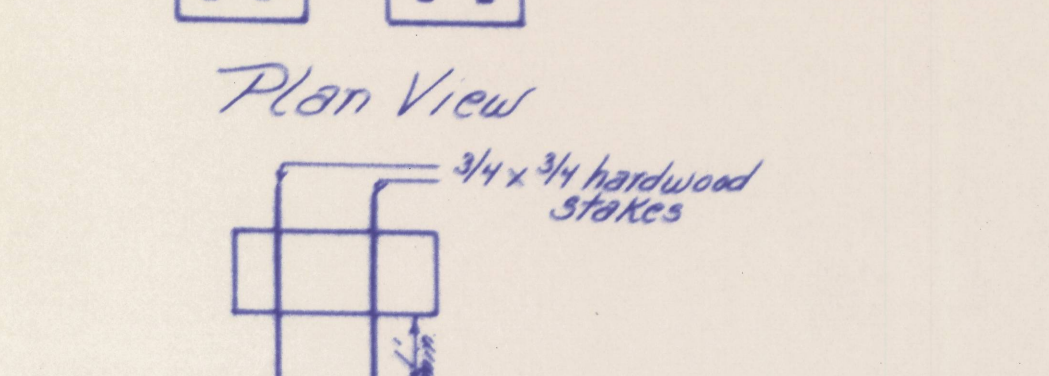
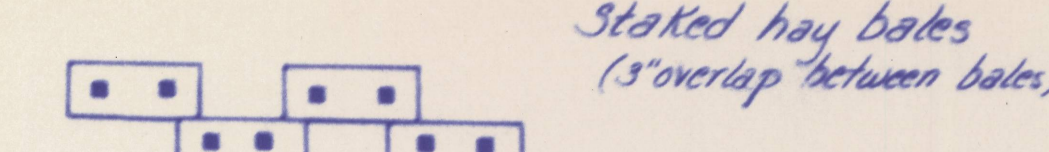
Root Drainage Recharge Trench (not to scale)



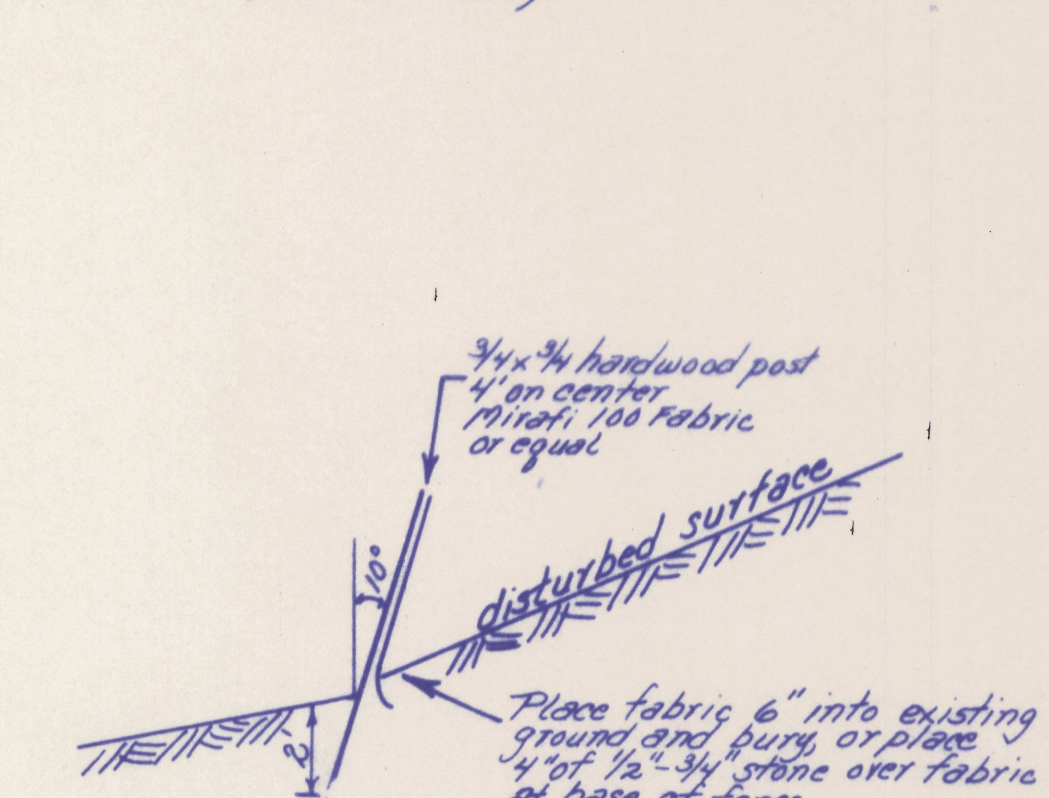
Stockpile (not to scale)



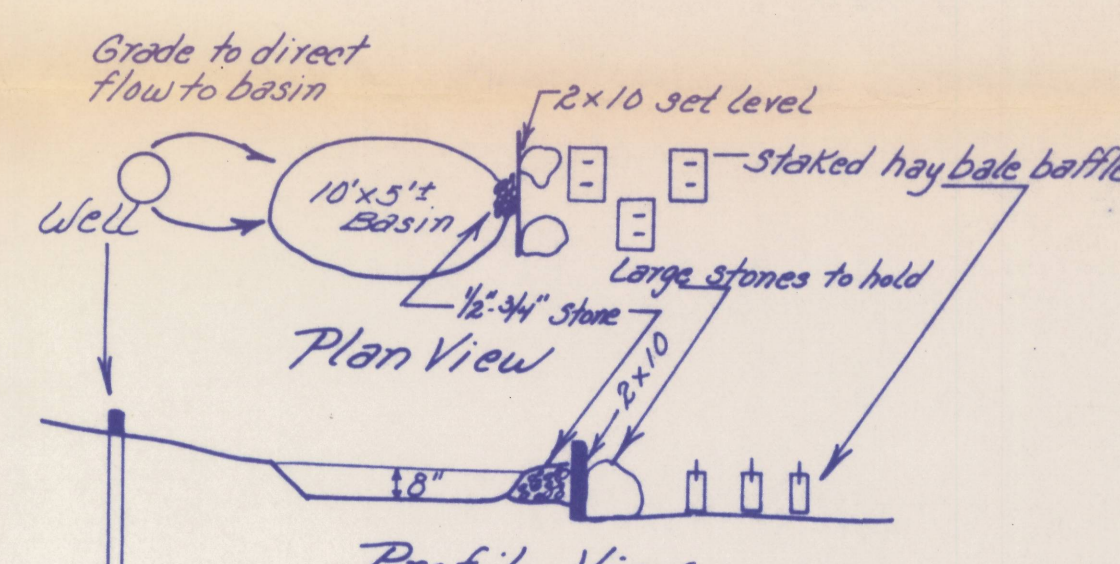
Construction Entrance (not to scale)



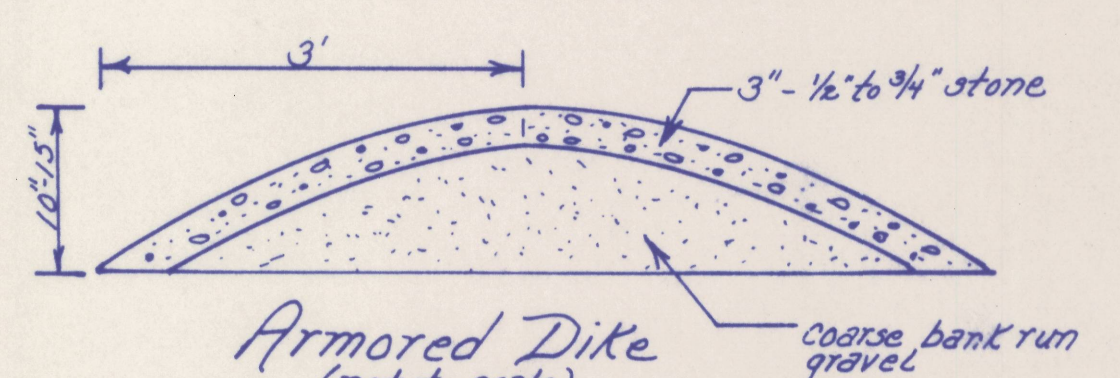
Hay bale Dike (not to scale)



Silt Fence (not to scale)



Well Sediment Control Basin (not to scale)



Armored Dike (not to scale)

DAVID E. ROSS  
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EROSION CONTROL PLAN FOR

**Residential Construction**

SCALE AS SHOWN.

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JOB NO. \_\_\_\_\_ PLAN NO. L-40